

CUMULATIVE INDEX: VOLUME 7

SUBJECT INDEX

- Abdominal circumference, fetal weight estimates, 5-7, 182-183
 Acidemia, triglyceride levels, 27, 30
 Acidosis, high-risk infants, 398
 Acoustic stimulation, 232, 313
 Acyclovir therapy, varicella pneumonia, 301
 Adiposity, perinatal outcome, 319-326
 Adrenal responses, VLBW infants, 399
 Adult respiratory distress syndrome (ARDS), 166-167
 Airway complications, intubated neonates, 395
 Airway meconium, clearance methods, 87-91
 Albuterol therapy, premature infants, 103
 Alcohol consumption, marijuana use, 36-37
 Alpha-fetoprotein (AFP), 276-278
 Ambulatory monitoring, uterine activity, 170-173
 Amino acid mixture, bilirubinemia frequency, 84-86
 Amniotitis
Haemophilus influenzae, 270-271
see also Chorioamnionitis
 Amniotic band syndrome vs. large cystic hygroma, 94-96
 Amniotic fluid
 leukocyte esterase activity, 130-132
 meconium-stained, 87-91
 perinatal index, 266-269
 preterm microbiology, 235-238
 ultrasonography, 266-269
 Anesthesia, intramyoamniotic blood loss, 39
 Antepartum testing, 267
 Anticardiolipin antibody
 ELISA studies, 246-247
 prenatal screening, 245-250
 SLE patients, 245-248
 Antifungal treatment, *Candida* endocarditis, 272-274
 Antiprostaglandins, preterm tocolysis, 366
 Antiseizure therapy, preeclampsia, 49
 Antithrombin, chorioamnionitis and preeclampsia, 33-34, 139-143
 Antiviral therapy, varicella pneumonia, 300-301
 Artificial rupture of membranes (ARM), 363-365
 Ascites, isolated prenatal, 370-373
 Ascorbic acid, preterm premature rupture, 376-377
 Asphyxia, perinatal, 99, 391
 Atrial natriuretic peptide (ANP), 174-177
 Autoimmunized pregnancies, fetal vascular access, 279-280
 Bacterial pneumonia, pentoxifylline therapy, 391
 Bactericidal activity, 105
 Bart's hemoglobinopathy. *See* [alpha]-Thalassemia
 Behavioral effects, cocaine, 97
 Betamimetic drugs, side effects, 251-252, 366
 Bicycle ergometer vs. immersion exercise, 281-284
 Bilirubinemia, parenteral nutrition, 84-86
 Biophysical profile, fetal evaluation, 266-269
 Biparietal diameter, 5-7, 18-22
 Birthweight
 lipid concentrations, 114-117
 neonatal data, 60-65
 perinatal region, 14-15
 Black neonates
 mortality rates, 293
 NICU access, 227-231
 Blood flow, Doppler ultrasonography, 258-262
 Body water changes, ELB infants, 106
 Bone mineral content, congenital hyperparathyroidism, 351-353
 Breastfeeding
Bretylium tosylate therapy, 144-145
 hypophosphatemia, 389-390
 Breech delivery
 femur fractures, 46
 gestational age, 92-93
 vs. transverse lie, 67-68
Bretylium tosylate, pregnancy and breastfeeding, 144-145
 Bronchial stenosis, acquired neonatal, 290-292
 Bronchopulmonary dysplasia
 infant booster transfusions, 393
 tracheal lavage, 104
 Bulb delivery vs. DeLee catheter, 87-91
 Calcium levels, hypoparathyroidism, 334
Candida parapsilosis endocarditis, premature infant, 272-275
 Cannulation, phrenic nerve damage, 136-138
 Carbon monoxide monitoring, 395
 Carboprost tromethamine vs. oxytocin, 39-42
 Cardiac function
 Doppler measurement, 220-222
 fetal evaluation, 54-59
see also Fetal heart rate
 Cardiff Births Survey, 320
 Catheters
 bronchial stenosis, 290-292
 premature removal, 122, 124
 umbilical artery, 8-12, 329-332
 Cephalopelvic disproportion (CPD), 40-41
 Cerebral abnormalities, VLBW infants, 60-65
 Cerebral palsy
 neurologic findings, 180
 perinatal asphyxia, 99
 type and severity, 180
 VLBW infants and children, 62-63, 178-181
 Cerebrospinal fluid (CSF), 51-53
 Cerebroventricular hemorrhage, VLBW infants, 61
 Cervix
 dilation rates, 364
 internal os cerclage, 347-349
 Cesarean section
 femur fracture, 46-48
 carboprost tromethamine vs. oxytocin, 39-42
 preeclampsia, 139-143
 pulmonary hypertension, 100
 timing, 41
 transverse lie, 69
 Children, cerebral palsy, 178-181
 Chlamydia, preterm microbiology, 236-237
 Cholesterol, VLBW neonates, 114-117
 Chorioamnionitis
 leukocyte esterase activity, 130-131

- potential early markers, 33–35
preterm microbiology, 235–237
Chromosome analysis, cord blood, 211–213
Chronic hypertension, fetal effects, 23, 25
Cocaine
 cytomegalovirus infection, 263–265
 lung maturation, 97
 parental contacts, 98
 suburban use, 393–394
Computed tomography, fatty liver of pregnancy, 316–318
Congenital hyperthyroidism, maternal hypocalcemia, 350–355
Congenital myotonic dystrophy (CMD), 198–199
Congestive heart failure, home death, 303–304
Contraction stress tests, 43–45
Cord blood
 gases in newborns, 157–159
 GGT activity, 110–113
 triglyceridemia, 26–30
 trisomy 18 diagnosis, 211–213
Cranial ultrasonography, VLBW infants, 60–65
Cystic fibrosis, neonatal screening, 102
Cystine aminopeptidase, placental insufficiency, 26–30
Cytomegalovirus encephalopathy, 263–265
- DeLee suction delivery vs. bulb syringe, 87–91
de Morsier syndrome. *See* Septo-optic dysplasia
Deoxyribonucleic acid (DNA), [alpha]-thalassemia diagnosis, 356–358
Depressed infants, Apgar scores, 27, 29
Dexamethasone
 adrenal response, 399
 tracheal lavage, 104
Dextrose, peripheral arterial lines, 122–124
Diabetes insipidus, transient, 287–289
Diabetic pregnancies
 fetal head growth, 18–22
 neonatal hypocalcemia, 203–206
 nephropathy and retinopathy, 193–197, 207–209
 sonography and outcome, 18–22
 spontaneous abortion histopathology, 207–210
Diazepam therapy, diabetes insipidus, 287–288
Diets, limited weight gain, 295–299
Disproportionate septal hypertrophy (DSH), 101
Diuresis and natriuresis, 118–121
Doppler velocimetry, fetal polyhydramnios, 340–342
Drug abusers
 pregnancy outcome, 359–362
 see also Cocaine
Dying infants, hospital follow-up, 302–306
- Early onset preeclampsia, 139–143
Echocardiography, 54–58
Eclampsia
 magnesium sulfate 49, 51
 see also Preeclampsia
Edema, immersion therapy, 118–121
Elastase, 104
402 ELBW infants
- bilirubinemia frequency, 84–86
body water changes, 106
delivery room management, 162
gestational age, 161
neurodevelopment, 160–165
nonoliguric hyperkalemia, 393
obstetric management, 161
nutrition and survival, 106, 160–165
End-diastolic dimensions, electrocardiography, 55–57
Endocarditis, *Candida parapsilosis*, 272–275
Enzyme-linked immunosorbent assay (ELISA), 246–247
Erythroblastosis fetalis, 101
Ethylene diaminetetra-acetic acid (EDTA), 350, 353
Exercise
 land vs. immersion, 281–284
 renal response, 118–121
Extracorporeal membrane oxygenation, 100
Eye. *See* Tunica vasculosa lentis
- Fat emulsions VLBW infants, 114–117
Fatty liver of pregnancy, 316–318
Femur fractures
 cesarean section, 46–48
 fetal weight, 5–7
Ferning vs. AFP testing, 276–278
Fetal head growth
 diabetic vs. normal, 18–22
 see also Biparietal diameter
Fetal heart rate (FHR)
 acoustic stimulation, 232–234
 exercise in pregnancy, 282–283
 magnesium sulfate, 154–156
 nifedipine effect, 285–286
 nonstress test, 232–233
Fetal weight, sonography estimates, 5–7
Fibronectin
 chorioamnionitis marker, 33–34
 dexamedethasone effect, 104
 peripartum preeclampsia, 125–129
Fractures. *See* Femur fractures
Free fatty acids, 114–117
Fungemia, premature infants, 272–274
Furosemide, pulmonary function, 393
- Gamma globulin therapy, GBS disease, 1–4
Gamma glutamyl transferase (GGT), 110–113
Genital tract infections, 235–238
Gentamicin, neonatal doses, 254–257
Gestational age
 breach delivery, 92–93
 electrocardiography, 55
 grading system, 24–25
 weight gain, 295–299
Glomerular filtration rate, 344–346
Glycerol, VLBW neonates, 114–117
Glycosylated hemoglobin, 19–20
Gonorrhea, preterm microbiology, 236
Group B streptococcal disease (GBS)
 bactericidal activity, 105
 immunoglobulin therapy, 1–4
 mortality and recovery, 2–3
 preterm microbiology, 236–237
 pulmonary hypertension, 104–105
Growth retardation, intrauterine, 5–7
- Haemophilus influenzae* emmionitis, 270–271
Hamartoma formation in pregnancy, 133–135
- Hearing, fetal, 312–315
Heart disease, congenital, 184–188
Hematocrit decreases, 41
Hemodynamic changes
 Doppler measurement, 220–222
 preeclampsia subsets, 242
Hemolytic disease, intravascular transfusion, 279–280
Hepatosplenic schistosomiasis, 380–383
High-risk pregnancies
 anticardiolipin antibody, 245–250
 nipple stimulation, 43–45
 transverse lie, 66–70
Home death, hospital follow-up, 302–306
Human immunodeficiency virus (HIV), 385
Human papilloma virus, 189–192
Human surfactant replacement therapy, 102
Hydralazine therapy, severe preeclampsia, 239–244
Hydranios, twin-twin transfusion, 107–109
Hydrocephalus
 home death, 303–304
 posthemorrhagic, 392
 sonography, 79
Hydrops fetalis
 vs. isolated ascites, 371
 Oriental infant, 356–358
 twin-twin transfusion, 107–109
Hygroma, large cystic, 94–96
Hyloid vascular system, 23–24
Hyperbilirubinemia, intravenous fat infusion, 394–395
Hypercalcium, thiazide therapy, 333–336
Hypercalcemia, 215
Hyperkalemia, nonoliguric, 395
Hyperlipidemic pancreatitis, 166–169
Hyperlipoproteinemia, 166–169
Hyperoxegenation, 258–261
Hyperparathyroidism
 congenital, 350–355
 hypokalemia, 214–216
Hyperoxia, 103
Hypertension
 diabetes insipidus, 287–289
 fetal head growth, 19, 22
 pregnancy-induced, 285–286
Hyperthyroidism, 19, 20
Hypocalcemia, neonatal and maternal, 203–206, 350–355
Hypokalemia, 144, 214–216
Hypomagnesemia, 144, 333–336
Hypoparathyroidism, thiazide therapy, 333–336
Hypophosphatemia, breast-fed infants, 389
Hypotension, severe preeclampsia, 239, 242
Hypotensive drugs, side effects, 285–286
Hypoxemia, prolonged hypocapnia, 389
Hypoxia, 75, 26–30
- Icteric serum, vascular access, 279–280
Immersion, renal responses, 118–121
Immunoglobulins, prenatal and neonatal, 246–249, 307–311
Indometacin tocolysis, 71–74
Infants
 diabetic mothers, 203–206
 growth retardation, 5–7

- neonatal hypocalcemia, 203–206
parathyroid function, 350–355
Insulin-dependent diabetes, 18–22, 193–197
Inulin levels, intrauterine growth, 343
Internal carotid artery, pulsatility index, 258–261
Intestinal atrophy, 98
Intramammary blood loss, cesarean section, 39–42
Intrapartum fetal behavior, 154–156
Intrapitoneal calcification, 31–32
Intrauterine growth retardation
chromosome analysis, 211–213
fetal weight, 5–7
renal function, 343–346
twin birthweight discordance, 217–218
Intravascular transfusion, hemolytic disease, 279–280
Intravenous immunoglobulin therapy, 1–4, 307–311
Isolette, phototherapy, 76–77
- Kidneys. *See* Renal responses
Ketonuria, weight gain, 299
- Labor
active management, 364
latent phase, 363–365
Lactogen, placental, 26–30
Lateral ventricle, posterior horn, 79–83
Lecithin-cholesterol acyltransferase activity, 99
Left ventricle stroke volume, 223–226
Lens vessels, stress effects, 23–25
Leukocyte esterase activity, amniotic fluid, 130–132
Lipids, birthweight effect, 114–117
Logothetopoulos pack, postpartum hemorrhage, 327–328
Low birthweight infants, 13–17, 84–86
Lower genital tract, preterm microbiology, 235–238
Lung maturation, cocaine effects, 97
- Macrosomia, Doppler velocimetry, 340–341
Magnesium sulfate
administration and metabolism, 50–51
intrapartum fetal behavior, 154–156
pharmacokinetics 49–53
placenta previa, 251–253
pregnant goat model, 49–53
preterm labor, 366–369
transient diabetes insipidus, 287–288
see also Tocolytic therapy
Magnetic resonance imaging (MRI), 316–318
Marijuana, pregnancy outcome, 36–38
Maternal transport service, perinatal region, 13–17
McDonald procedure, internal os cerclage, 347, 349
Mean abdominal diameter, fetal ultrasonography, 182
Meconium
aspiration syndrome, 87, 90, 391
peritonitis, 31–32
stained amniotic fluid, 87–91
Mesenteric artery blood flow, 392
Methamphetamine pharmacokinetics, 392–393
Microphone assessment, intrauterine sound levels, 312–315
- Morbidly obese women, fetal outcome, 295–299
Morphine pharmacokinetics, 99
Mortality rate
black neonates, 293
fetal and perinatal, 147
illness-adjusted, 150–151
Myelomeningocele, home death, 303–304
Myotonic dystrophy, fetal imaging, 198–199
- Natriuresis and diuresis, 118–121, 174–177
Neonatal intensive care unit (NICU)
access and mortality, 227–231
home death option, 302–306
quality assurance programs, 397–398
Neonates
diabetic mothers, 203–206
gentamicin therapy, 254–257
morbidity factors, 150
Nephropathy, diabetic, 193–197
Neurodevelopment, ELBW infants, 160–165
Neutropenia, 1, 3, 394
Neutrophils, 391
Nifedipine therapy, 285–286
Nipple stimulation contraction stress test, 43–45
Nitrazine evaluation vs. AFP testing, 276–278
Nonimmune hydrops vs. isolated ascites, 370–372
Nonoliguric hyperkalemia, 398
Nonweightbearing exercise, 281–284
Nosocomial disease, immunoglobulin therapy, 1
- Occipital horn equations, 82
Oligohydramnios, respiratory effects, 101
Ophthalmology, gestational age, 24
Oriental infant, nonimmune hydrops, 356–358
Os cerclage, cervical internal, 347–349
Oxygen administration, Doppler assessment, 258–262
Oxytocin
vs. carboprost tromethamine, 39–42
latent phase labor, 363–365
transverse lie, 69
- Pancreatitis, hyperlipidemic, 166–169
Parathyroid gland
hormone levels, 333, 336
infant function, 350–355
Parenteral nutrition
bilirubinemia frequency, 84–86
vs. enteral nutrition, 106
intestinal atrophy, 98
phrenic nerve damage, 136–138
Patent ductus arteriosus (PDA)
hemodynamic changes, 184–188
mesenteric artery, 392
newborn piglet model, 184–188
pharmacodynamics, 393
ventricular changes, 187
Pentazocine. *See* T's and blues
Pentoxifylline therapy, bacterial pneumonia, 391
Perinatal Care Delivery Systems (Kaminsky), 200
Perinatal care, evaluating quality, 146–151
- Perinatal region
maternal transport service, 13–17
mortality rates, 15–16
see also Neonatal intensive care unit
Peripheral arterial lines, 122–124
Peritonitis, meconium, 31–32
Periventricular leukomalacia, 64
Pharyngeal suction techniques, 87–91
Phenytoin therapy, diabetes insipidus, 287–289
Phosphate levels, hypoparathyroidism, 335
Phototherapy, 75–78, 106
pH values
cord blood, 27, 29
transverse lie, 68–69
Phrenic nerve damage, 136–138
Placenta accreta, 327–328
Placenta previa tocolysis, 251–253
Placental insufficiency, cord blood triglyceridemia, 26–30
Plasma glucose, fetal head growth, 19–20
- Pneumonia
bacterial, 391
varicella, 300–301
Polyhydramnios, Doppler velocimetry, 340–342
Posterior horn, ventricular sonography, 79–83
Posthemorrhagic hydrocephalus, 397
Postpartum hemorrhage
Logothetopoulos pack, 327–328
Post-term pregnancy, Doppler ultrasonography, 258–262
Potassium levels, immersion and exercise, 119–120
Potter's syndrome, home death, 303, 304
Praziquantel therapy, hepatosplenic schistosomiasis, 381
Preeclampsia
antithrombin activity, 139–143
clinical data, 127
early onset, 139–143
head and eye, 19, 23
fibronectin and prostacyclin, 125–129
hemodynamic homeostasis, 239–240
invasive monitoring, 241–242
magnesium sulfate, 49–53
MRI and computed tomography, 316–318
peripartum, 125–129
renal histology, 139–143
severe, 239–24–4
vasodilation, 239–244
- Pregnancy
cardiac output, 220–222
hemodynamic changes, 220
hypertension and seizures, 285–289
immersion and exercise, 118–121
renal responses, 118–121
serum creatinine, 194–196
smoking and adiposity, 319–326
T's and blues, 359–362
- Prekallikrein, chorioamnionitis marker, 33–34
- Premature infants
bronchial stenosis, 290–292
Candida endocarditis, 272–275
critically ill, 390
early minimal feedings, 390
ventilator-dependent, 103
- Premature ruptured membranes (PRoM)
chorioamnionitis markers, 33–35

- preterm, 374–376
testing and diagnosis, 276–278
- Preterm labor
ambulatory monitoring, 170–173
etiology, 73
post-hospital care, 170–173
tocolytic agents, 366–369
- Prolactin, metabolite levels 43–45
- Prostacyclin, peripartum preeclampsia, 125–129
- Prostaglandins 43–45, 71
[alpha]-Proteinase inhibitor, 104
- Pulmonary hypertension, 100, 104
- Pulsatility index, fetal blood flow, 258–261
- Pulse oximetry, sick premature infants, 75–78
- Pyelonephritis, 287
- Quetelet's index, weight and adiposity, 320
- QT syndrome, bretylium tosylate therapy, 144–145
- Radiant warmers, 75–78
- Rapid late prenatal diagnosis, 211–213
- Red blood cells, isotope labeling, 39
- Regionalized perinatal care, 13–17
- Renal responses
early onset preeclampsia, 139–143
immersion and exercise, 118–121
intrauterine growth retardation, 343–346
tuberous sclerosis, 133–135
- Renin, 174–177
- Respiratory distress syndrome (RDS)
bovine surfactant therapy, 391–392, 396–397
VLBW infants, 102
- Respiratory insufficiency, pulse oximetry, 75–78
- Retinopathy of prematurity (ROP), 161
- Retioblastoma, 161
- Ritodrine tocolysis, 71, 366–369
- Ruptured membranes, 33–35, 276–278, 374–376
- Saline, peripheral arterial lines, 122–124
- Schistosomiasis, hepatosplenic, 380–383
- Seizures, diabetes insipidus, 287–289
- Self-palpation vs. ambulatory monitoring, 170–172
- Sepsis, immunoglobulin infusion, 307–311
- Septo-optic dysplasia, 337–339
- Sexually transmitted diseases, 189–192
- Shirodkar operation, internal os cerclage, 347–349
- Side-entry catheter placement, 8–12
- Smoking
birthweight data, 321–324
marijuana use, 36–37
perinatal outcome, 319–326
premature ruptured membranes, 377–378
- Social class, perinatal outcome, 319–326
- Sodium
immersion and exercise, 119–120
intrauterine levels, 344, 346
restriction, 333–336
- Sonography
diabetic vs. normal gestation, 18–22
cerebral ventricles, 79–83
fetal growth, 5–7, 18–22
methods, 5–6
see also Ultrasonography
- Sound levels, intrauterine, 312–315
- Spontaneous abortion, diabetic pregnancies, 207–210
- Street drugs, pregnancy outcome, 359–362
- Streptococcal disease. *See* Group B streptococcal disease
- Stress, chronic intrauterine, 23–25
- Stroke volume, Doppler measurement, 223–226
- Systemic lupus erythematosus (SLE), 245–248
- Tamponade. *See* Logothetopoulos pack
- Temperature sensor, transcutaneous, 390
- [alpha]-Thalassemia, DNA studies, 356–358
- Thermodilution vs. Doppler technique, 220–222
- Thiazide therapy, hypercalcemia, 333–336
- Thrombotic thrombocytopenia, 317–318
- Tocolytic therapy
ambulatory monitoring, 170–172
placenta previa, 251–253
preterm complications, 366–369
- Tocolytic agents
indomethacin, 71–74
types, 366
see also Magnesium sulfate
- Tracheal lavage and aspirates, 104, 391
- Transverse lie, gestational age, 66–69
- Triglycerides, 26–30, 114–117
- Triple-lennamine. *See* T's and blues
- Trisomy 18
cord blood diagnosis, 211–213
growth delay, 395
home death, 303
- T's and blues, pregnancy outcome, 359–362
- Tuberous sclerosis, renal evaluation, 133–135
- Tunica vasculosa lentis, 23–25
- Turner's syndrome, cystic hygroma, 94–95
- Twin birthweight discordance, 217–219
- Twin-twin transfusion, 107–109
- Ultrasonography
abdominal circumference, 182–183
neonatal, 60–65
see also Sonography
- Umbilical artery
catheter placement, 8–12, 329–332
Doppler velocimetry, 340–342
pulsatility index, 260
- Umbilical cord
hydrops fetalis, 107–108
see also Cord blood
- Uterine contraction monitor, 170–172
- Varicella pneumonia, 300–301
- Vascular access, icteric serum indicator, 279–280
- Vascular Birthmarks: Pathogenesis and Management* (Ryan and Cherry), 200
- Vasodilation therapy, preterm effect, 239–244
- Vein cannulation, phrenic nerve damage, 136–138
- Velocity waveforms
fetal blood flow, 258–262
see also Doppler velocimetry
- Ventilator-dependent premature infants, 103
- Ventricles
cerebral sonography, 79–83
stroke volume, 54–58
- Vertex delivery vs. transverse lie, 67–68
- VLBW infants
bovine surfactant therapy, 391–392
cerebral palsy diagnosis, 178–181
fat emulsion tolerance, 114–117
maternal transport service, 13–17
neonatal ultrasonography, 60–65
phrenic nerve damage, 136–138
RDS therapy, 396–397
- Vocal cords, suction methods, 87–89
- Werdnig-Hoffman disease, home death, 303, 304

AUTHOR INDEX

- Abbasi, Soraya, 71
 Abrams, R. M., 97, 387
 Ackerman, Noel, 395
 Adamkin, D. H., 394
 Aldana, Otto, 99
 Alvisi, Carlo, 337
 Amr, S., 99
 Anderson, Craig L., 13
 Anderson, T., 103
 Andrew, Donna S., 114
 Andrews, J., 319
 Antonio-Santiago, M. T., 97
 Arduini, Domenico, 258
 Ashmead, Graham, 71
 Baker, David A., 266
 Balderston, Scott M., 101
 Barefield, Elaine S., 104
 Barnes, William G., 384
 Bartnicki, Janusz, 26
 Beachy, Joanna C., 391
 Beck, Robert, 84
 Benedetti, Thomas J., 220
 Bendon, Robert W., 207, 245
 Berkowitz, Richard L., 400
 Bernard, Marirose, 157
 Berry, Michael J., 118
 Bhargava, Hemendra, 99
 Bhat, Rama, 99
 Bhatia, Jatinder, 110
 Bhatia, Rupinder, 33
 Bhutani, Vinod K., 103, 393
 Block, Barry S., 146
 Boehm, Corinne, 356
 Boehm, Frank H., 270
 Bolognese, Ronald, 71
 Bonsib, Stephen M., 139
 Bougatf, Adel, 290
 Bovicelli, Luciano, 337
 Bowdy, Bruce D., 105
 Bowman, Christine, 118
 Boylan, Peter C., 363
 Boyle, Robert, 144
 Bracero, Luis A., 94
 Brakin, M., 399
 Brann, Ben S., 397
 Brans, Yves W., 114
 Brateng, Debra A., 220
 Braverman, Jeffrey J., 5
 Breckenridge, Jeffrey D., 359
 Brodsky, N., 398
 Brown, Haywood L., 157
 Brown, Yvonne, 393
 Bruns, W. T., 102
 Bukovsky, Ian, 347
 Burchfield, D. J., 97, 387
 Burns, Sybil E., 232
 Caglar, Musa Kazim, 198
 Calvin, Steve, 125
 Carbone, Mary Terese, 100
 Carey, P., 102
 Carillo, Donna W., 114
 Carlson, Karen L., 220
 Carpenter, Robert J., Jr., 279
 Carter, Brian S., 101
 Caspi, Eliahu, 347
 Cassidy, Suzanne B., 133
 Catanzarite, Valerian, 39
 Cefalo, Robert C., 118, 251, 281
 Cerisoli, Marziano, 357
 Cham, Bachir, 290
 Chari, Gopal, 99
 Chaudhry, Urmila, 99
 Chescheir, Nancy C., 182
 Chiang, Mimi H. C., 98
 Chinoy, M. R., 97
 Christensen, Robert D., 394
 Chrostek, Lech, 26
 Chua, R., 104
 Clafin, Katherine, 160
 Colby, H., 102
 Coleman, Fred H., 366
 Combs, C. Andrew, 287
 Coonrod, J. Donald, 105
 Corcoran, L. G., 99
 Coster, Barbara, 370
 Coulehan, Jeanne, 193
 Coury, Anne, 340
 Cox, Cynthia, 100
 Cox, Susan M., 300
 Crane, James C., 370
 Crombleholme, William, 287
 Crosby, Vel, 87
 Cunningham, F. Gary, 300
 Dab, Isidoor, 290
 Daily, Donna K., 18
 De Gennaro, Nancy, 18
 Delivoria-Papadopoulos, Maria, 398
 Derham, Roger J., 239
 Dery, Carol, 266, 340
 Deter, Russell L., 279
 DiGiocomo, Jane E., 101
 Divon, Michael Y., 5
 Dolanski, Eugene A., 122
 Dorotan, E., 106
 Downing, G. L., 395
 Doyle, Lex W., 60, 178
 Dreiss, Richard J., 166
 Driscoll, John M., Jr., 390
 Dubin, Norman H., 43
 Duff, Patrick, 235
 Dunlow, Susan G., 235
 Dutton, Elisabeth B., 114
 Dweck, H. S., 106
 Easterling, Thomas R., 220
 Egan, James F. X., 133
 Eldridge, Marlowe W., 392
 Elias, Sherman, 211
 Epps, Michael, 211
 Faix, Roger G., 272
 Falkner, Bonita, 174
 Faraq, Abdel-Moneem, 33
 Farine, Dan, 316
 Farrell, P., 102
 Feick, Harriett J., 272
 Fenakel, Katerina, 285
 Ferre, Cynthia, 100
 Ferry, John J., Jr., 200
 Finley, Paul R., 125
 Fleischman, Alan R., 390
 Ford, Geoffrey W., 60, 178
 Fost, N., 102
 Fox, Harold E., 316
 Fox, William W., 103
 Foye, Howard R., 227
 Frankenfield-Chernicoff, Maria, 393
 Frantz, Ivan D., 390
 Friedman, Adi, 285
 Friedman, Charles A., 1
 Frommelt, Peter, 272
 Gabbe, Steven G., 374
 Gabert, Harvey A., 157
 Gal, Peter, 254, 393
 Garite, Thomas J., 276
 Gartside, Peter S., 245
 Gerson, Andrew, 71
 Gest, Alfred, 103
 Getahun, Berhanu, 245
 Geven, Wil B., 198
 Gillespie, Mark N., 105
 Gilstrap, Larry C., III, 49, 66, 356, 359
 Gleason, Christine A., 389
 Glueck, Helen I., 245
 Gocke, Stephen E., 276
 Goddard, Moses, 184
 Goldstein, Israel, 79
 Goodwin, W. E., 281
 Goplerud, Jan M., 398
 Goyert, Gregory, 33
 Graham, E. M., 97
 Grannum, Peter A. T., 370
 Gray, Barry M., 104
 Grundy, Howard O., 160
 Guerra, Francisco A., 101
 Guidetti, Denise A., 5
 Gulati, Anil, 99
 Gutgesell, Margaret, 144
 Hadi, Hamid A., 23
 Hadley, Carolyn B., 374
 Hagen, Garrett A., 333
 Haggerty, Robert J., 293
 Hall, Robert T., 102, 160, 307, 384, 389
 Hall, Sue L., 307, 384
 Hamner, Lewis H., III, 295
 Hammond, Terry L., 66
 Hamosh, M., 99
 Hamosh, P., 99
 Hankins, Gary D. V., 49, 66
 Hansen, Thomas, 103
 Hargrove, N. L., 387
 Harvey-Wilkes, Karen B., 390
 Hassamer, D., 102
 Hauth, John C., 49
 Hayden, Lina E., 245
 Hayen, L., 395
 Hayslett, John P., 193
 Henderson, Ginny W., 75
 Hendon, Barbara, 395
 Henley, M. A., 396
 Herschkowitz, Sylvia, 31
 Hicks, Thomas C., 104
 Hill, Lyndon M., 92
 Hobbins, John C., 18, 79, 193
 Hobbs, Calvin L., 23
 Hodding, Jane H., 329
 Holford, Theodore, 18
 Homan, Susan E., 307
 Hornung, Thomasina L., 8
 Hoskins, Iffath Abbasi, 130
 Hulman, Sonia, 174
 Hurt, Hallam, 98, 398
 Hurtubise, Paul E., 245
 Iams, Jay D., 170
 Iffy, Leslie, 400
 Imaizumi, Sonia O., 75
 Isada, Nelson B., 295

- Jain, Lucky, 100
 Johnson, Anthony, 71
 Johnson, Francee E., 170
 Johnson, Timothy R. B., 43, 189
 Jones, H. Douglas, Jr., 389
 Jozwik, Michal, 26
- Kain, Z. N., 97
 Kalchbrenner, Mark, 71
 Kaplan, Cynthia, 94
 Karna, Padmani, 122
 Katz, Vern L., 118, 281
 Keenan, William, 105
 Kelly, Elaine, 60, 178
 Keszler, Marin, 100
 Khoury, Jane, 203, 207
 Kilbride, Howard W., 160, 384, 395
 Kim, Myungduk Roger, 46
 Kimura, Robert E., 392
 Kirchoff, Karin T., 8
 Kirshon, Brian, 107, 279
 Kitchen, William H., 60, 178
 Kitterman, Joseph A., 101
 Klein, Victor R., 356, 359
 Klingbeil, R., 394
 Klotz, Michael, 340
 Knight, M. E., 103
 Knoll, Kraig A., 359
 Koenig, Joyce M., 393
 Kopelman, Jerome N., 380
 Krantz, Ivan D., III, 385
 Kristal, A., 319
 Kuller, Jeffrey A., 214
 Kurth, C. Gay, 102, 307
 Kurzel, Richard B., 333
- Laessig, R. 102
 Laifer, Steven A., 214
 Lang, Michael J., 102
 Langer, Oded S., 5
 Langer, Rami, 347
 Langkamp, Linda L., 227
 Lax, A., 102
 Lee, Chu-Ching H., 101
 Lenoir, Pascal, 290
 Levin, Betty Wolder, 390
 Little, Bertie B., 359
 Locus, Paul, 87
 Long, B., 99
 Loughead, Jeffrey L., 203, 350
 Luby, James, 300
 Lucas, V. W., 392
 Luggen, Michael E., 245
 Lund, Gregg, 395
 Lundell, Bo P. W., 223
 Lurie, Samuel, 285
 Lynch, Lauren, 400
- Maberry, Mark C., 356
 Mah, Michael P., 391
 Main, Denise M., 374
 Mammen, Eberhard, 33
 Mangurten, Henry H., 302
 Marchitelli, R. N., 97
 Marcus, Gwen E., 98
 Marcus, M., 102
 Mari, Giancarlo, 107
 Marks, Frances, 130
 Malone, Thomas A., 184
 Matlock, Beth A., 287
 Maulik, Dev, 160, 384
 McCarthy, C., 102
 McMurray, Robert, 118, 281
 Meade, Virginia M., 307
 Menchaca, Elizabeth M., 114
 Meng, L., 384
- Merenstein, Gerald B., 101
- Merkatz, Irwin R., 5
 Merritt, T. Allen, 102
 Meyers, Carole M., 211
 Miller, Joseph M., Jr., 157
 Miller, R. L., 387
 Mimouni, Francis, 203, 207, 350
 Miodovnik, Menachem, 203, 207
 Mischler, E., 102
 Mishra, O. P., 398
 Miyazawa, Kunio, 380
 Mizrahi, Solly, 31
 Modanlou, H., 399
 Moise, Kenneth J. Jr., 107, 279
 Monheit, Alan G., 94, 266
 Mor, Zeev, 347
 Moretti, Michael L., 211
 Morgan, Mark A., 327
 Morton, T. H., 97
 Mughal, Zulfi, 350
 Murphy, Shirley A., 396
 Murton, Laurence J., 60
- Nakamura, Kenneth T., 343
 Nath, Shanta, 100
 Naulty, G., 99
 Nelson-Robinson, Lisa, 18
 Nemeth, Meg, 54
 Newhouse, Jeffrey, 316
 Newnham, John P., 232
 Niebyl, Jennifer R., 36, 43
 Nielsen, Heber C., 390
 Nies, Barbara M., 166
 Nisenbaum, Harvey L., 263
 Norman, Gwendolyn, 33
 Norman, Michael E., 398
 Norris, K., 399
- Oestreich, Alan E., 350
 Oh, William, 184
 Ordorica, Steven Anthony, 130
 O'Shaughnessy, Richard W., 170
 Overholz, Edward, 144
 Owen, John, 316
- Papile, LuAnne, 397
 Parisi, Joseph T., 384
 Parisi, Valerie M., 367
 Parker, C. Richard, 104
 Patterson, Robert M., 217
 Paul, Richard H., 312
 Pauli, Thomas H., 105
 Payne, Gerald C., Jr., 327
 Peng, Thomas C., 189
 Pereira, G. R., 99
 Peterson, N., 102
 Petrikovsky, Boris M., 133, 154
 Pettett, G., 99
 Phelan, Jeffrey P., 312
 Philips, Joseph B., 104
 Pichanick, Mel, 395
 Pilu, Gianluigi, 79, 337
 Pleasure, Jeanette R., 75, 136
 Polak, M. J., 103
 Prioleau, Philip G., 201
 Puelo-Scheppeke, Belen A., 114
 Pullane, Tom, 395
- Qualls, Clifford, 397
- Radmacher, P., 394
 Rais-Bahrami, Khodayar, 122
 Ramet, Joseph, 290
 Ransom, J. Laurence, 254, 393
 Rassin, David K., 110
 Ratner, Ian, 395
 Ratner, Robert E., 295
 Rawson, John E., 1
- Reale, M. R., 106
 Reddy, Nallu S., 102
 Reece, E. Albert, 18, 79, 193
 Repke, John T., 189, 214
 Rickards, Anne L., 60, 178
 Riddell, Scott W., 384
 Rijhsinghani, Asha G., 43
 Rippletoe, L. R., 389
 Rivera, Audelio, Jr., 110
 Rizzo, Giuseppe, 258
 Roberman, Brian D., 232
 Robie, George F., 327
 Robillard, Jean E., 343
 Robinson, Deirdre, 343
 Robinson, Jeffrey, 239
 Rochelson, Burton L., 94, 340
 Rock, M., 102
 Roghmann, Klaus J., 227
 Romanini, Carlo, 258
 Romero, Roberto, 370
 Rosenkrantz, Ted S., 397
 Rothchild, Suzanne, 107
 Rush, D., 319
- Sacre, Liliane, 290
 Sah, Brian, 312
 Salvador, Agnes, 98, 398
 Salvioli, Gian Paolo, 337
 Sandri, Fabrizio, 337
 Savich, Renate D., 101
 Scarpellini, E. M., 97
 Schall, Steward, 393
 Schmucker, Barbara C., 220
 Schneider, David F., 347
 Schulman, Harold, 340
 Schutzman, David L., 393
 Searle, Clark P., 189
 Seeds, John W., 182
 Seib, Paul, 103
 Shah, Keerti V., 189
 Shashikumar, V. L., 136
 Sheftel, David, 100
 Sherman, Michael P., 391
 Shmoys, Susan M., 266, 340
 Shook, Lori A., 105
 Short, Billie L., 389
 Shulman, Lee P., 211
 Shum, Fred T. E., 98
 Siddiqi, Tariq A., 245
 Silverberg, Kaylen, 270
 Simpson, Joe Leigh, 211
 Singer, Jerome, 393
 Sivacoff, Mark, 54
 Sivkin, Miriam, 266
 Slagle, Terri A., 98
 Sledzewski, Adam, 26
 Smikle, Colin, 18
 Smith, Carl V., 312
 Snell, Laura M., 359
 Snider, A. Rebecca, 272
 Snyder, Russell R., 49, 66
 Solano, Francis X., 214
 Sondel, S., 102
 Spear, M. L., 99
 Squire, Susan J., 8
 Stefano, John L., 103, 398
 Stiller, Robert, 370
 Stonestreet, Barbara S., 184
 St. Pierre, Jerry J., 157
 Strauss, A., 399
 Sujoy, Polo, 31
 Summitt, John B., 211
 Szmekowski, Maciej, 26
- Tannenbaum, Jaime, 174
 Te, M. N., 106
 Temple, David M., 1

AUTHOR INDEX

- Tepper, R., 104
Tharapel, Avirachan T., 211
Tipton, Robert E., 211
Tluczek, A., 102
Toce, Suzanne, 105
Tomich, Paul G., 13
Troche, Brenda L., 390
Tsang, Reginald C., 203, 350

Urban, Jan, 26

Van Dellen, Adrian F., 49
Vasa, Rohitkumar 46
Veille, Jean Claude, 54
Velamati, Rama Krishna, 99
Vidyasagar, Dharmapuri, 99
Vintzileos, Anthony M., 133, 154

Walker, Cheryl, 287
Wan, Macor, 193
Warren, Tina C., 356
Wasemiller-Smith, Lisa, 327
Wasserstrum, Nathan, 107
Watson, William J., 182, 251
Watterberg, Kristi L., 396
Weaver, Richard L., 254, 393
Wei, L. J., 102
Weiner, Carl P., 139, 343
Weinraub, Zvi, 347
Weinstein, Louis, 125
Weisman, Leonard E., 391
Wells, Lorraine, 397
Wender, David F., 1
Wheeler, R. E., 389
Wiens, Frank H., Jr., 49

Wiggins, James W., 101
Wilroy, R. Sid, Jr., 211
Winberg, Per, 223
Winn, Hung N., 18, 193, 370
Wiswell, T. E., 396
Witte, Maryls H., 125
Witter, Frank R., 36
Wolfe, Honor, 33
Wood, Robert C., 217
Wurtzel, David, 263

Yeomans, Edward, 87
Yoder, M., 104
Young, Bruce Kenneth, 130

Zacur, Howard A., 43
Zubrow, Alan B., 75